

AMENDMENTS TO CLAIMS

Please amend the claims as indicated hereafter.

CLAIMS:

1. (Currently Amended) A method of manufacturing a plurality of liquid crystal micro displays (lcmds), said method comprising:

providing a substrate having the plurality of lcmds interconnected to one another;
creating a plurality of holes in a the substrate, wherein each of the plurality of holes corresponds to one of the plurality of lcmds, extends through the substrate from a major surface thereof into a respective one of the lcmds;
causing liquid crystal material to flow through said plurality of holes, and to fill spaces within said plurality of lcmds; and
sealing said plurality of holes.
2. (Previously Amended) The method of claim 1, further comprising : testing said plurality of lcmds after sealing said plurality of holes.
3. (Previously Amended) The method of claim 2, further comprising: separating said plurality of lcmds from each other after testing said plurality of lcmds.
4. (Original) The method of claim 1, wherein said substrate is a semiconductor substrate.
5. (Original) The method of claim 4, wherein the semiconductor substrate comprises an integrated circuit.
6. (Original) The method of claim 4, wherein the semiconductor substrate is part of a silicon wafer.
7. (Original) The method of claim 1, wherein said substrate comprises glass.

8. (Previously Amended) The method of claim 1, wherein said plurality of holes are sealed using a sealant material selected from a group consisting of glue, epoxy, and solder.

9. (Previously Amended) A method of manufacturing a plurality of liquid crystal micro displays (lcmds) comprising:

testing said plurality of lcmds while they are connected to each other and to a connection for conducting a test signal; and

separating said plurality of lcmds from each other after said testing.

10. (Previously Amended) The method of claim 9, wherein each of said plurality of lcmds comprises a semiconductor substrate having an integrated circuit and a glass substrate having a transparent electrode.

11. (Original) The method of claim 10, wherein said integrated circuit comprises electrodes.

12. (Original) The method of claim 11, wherein said testing includes causing a voltage difference between the integrated circuit electrodes and the transparent electrode.

13. (Previously Amended) The method of claim 12, wherein said testing includes determining whether each of the plurality of lcmds produces a uniform image.

14. (Currently Amended) A liquid crystal micro display (lcmd) assembly comprising:

a first substrate of the lcmb assembly;

a second substrate of the lcmb assembly, the second substrate having a pair of opposed major surfaces and comprising a hole extending through the second substrate between the major surfaces; having a plurality of sealed holes extending through a thickness thereof, wherein each of the plurality of sealed holes corresponds to one of a plurality of lemds;

liquid crystal material that is located between the first substrate and the second substrate of the lcmb assembly. and within the plurality of lemds.

15. (Currently Amended) The lcmb assembly of claim 14, wherein said plurality of sealed holes were used for filling the plurality of lemds with liquid crystal material prior to the plurality of sealed holes being sealed hole can be used for filing the lcmb with liquid crystal material.

16. (Previously Amended) The lcmb assembly of claim 14, wherein the second substrate is a semiconductor substrate comprising an integrated circuit.

17. (Previously Amended) The lcmb assembly of claim 14, wherein the second substrate comprises glass.

18. (Currently Amended) The lcmb assembly of claim 14, wherein each of the plurality of lemds comprises a portion of the first substrate, a portion of the second substrate, and a portion of the liquid crystal material. wherein said lcmb assembly is physically connected to other lcmb assemblies.
